

Porcelaingres. Color Studio.



Technical Data

Color Studio | Summary



Color Studio Collection – Color: Powder Mosaic

Colors

 Night	 Sage
 Powder	 White*
 Brown	 Biscuit
 Malt	 Cream

Technical features

Natural | R9 A | ± 6 mm

- 120×60
- 120×30*
- 100×100
- 60×60
- 60×30

Specials

- Bullnose
- Step



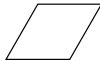
20×20
Square



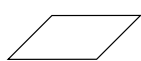
20×20×28
Triangle



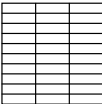
46×23
Trapezoid



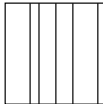
23×23
Rhombus



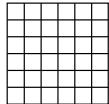
28×20
Parallelogram



30×30
Brick Mosaic



30×30
Listel



30×30
Mosaic



40% Raw material from recycling process
products assessed and found to comply
with the LEED and BREEAM regulations.



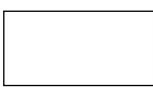
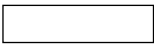
















[click here for](#)

Inspiration

Visit the collection webpage
in other languages.

Color Studio

Product details

													Slabs Variability Index
Format (cm)	120 × 60	120 × 30	100 × 100	60 × 60	60 × 30		28 × 20		23 × 23	20 × 20	46 × 23	20 × 20	
Thickness (mm)	±6 mm	±6 mm	±6 mm	±6 mm	±6 mm		±6 mm		±6 mm	±6 mm	±6 mm	±6 mm	
Finishing	Natural	Natural	Natural	Natural	Natural		Natural	Natural	Natural	Natural	Natural	Natural	The shade variation index is a rating to determine tile variation between individual pieces of the same color group.
Skid Resistance	R9 A UGL	R9 A UGL	R9 A UGL	R9 A UGL	R9 A UGL		R9 A UGL	R9 A UGL	R9 A UGL	R9 A UGL	R9 A UGL	R9 A UGL	
Description	-	-	-	-	-		Parallelogram Left	Parallelogram Right	Rhombus	Square	Trapezoid	Triangle	
White	X126360X6	X123360X6	X1010360X6	X600360X6	X630360X6		XPARL360X6	XPARR360X6	XRHO360X6	XSQU360X6	XTRA360X6	XTRI360X6	 V1 uniform tone
Sage	X126361X6		*X1010361X6	X600361X6	X630361X6		XPARL361X6	XPARR361X6	XRHO361X6	XSQU361X6	XTRA361X6	XTRI361X6	 V1 uniform tone
Powder	X126362X6		*X1010362X6	X600362X6	X630362X6		XPARL362X6	XPARR362X6	XRHO362X6	XSQU362X6	XTRA362X6	XTRI362X6	 V1 uniform tone
Night	X126363X6		X1010363X6	X600363X6	X630363X6		XPARL363X6	XPARR363X6	XRHO363X6	XSQU363X6	XTRA363X6	XTRI363X6	 V1 uniform tone
Cream	X126364X6		X1010364X6	X600364X6	X630364X6		XPARL364X6	XPARR364X6	XRHO364X6	XSQU364X6	XTRA364X6	XTRI364X6	 V1 uniform tone
Biscuit	X126365X6		X1010365X6	X600365X6	X630365X6		XPARL365X6	XPARR365X6	XRHO365X6	XSQU365X6	XTRA365X6	XTRI365X6	 V1 uniform tone
Malt	X126366X6		*X1010366X6	X600366X6	X630366X6		XPARL366X6	XPARR366X6	XRHO366X6	XSQU366X6	XTRA366X6	XTRI366X6	 V1 uniform tone
Brown	X126367X6		*X1010367X6	X600367X6	X630367X6		XPARL367X6	XPARR367X6	XRHO367X6	XSQU367X6	XTRA367X6	XTRI367X6	 V1 uniform tone
													Note
pieces - box	3	5	2	5	10		12		12	12	8	24	*Production upon request
boxes - pallet	32	40	26	32	40		-		-	132	-	-	
sqm - box	2,16	1,8	2	1,8	1,8		0,468		0,54	0,48	0,544	0,48	
sqm - pallet	69,12	72	52	57,6	72		-		-	63,36	-	-	
kg - sqm	14,35	14,35	14,06	13,89	13,89		13,89		13,89	13,89	13,89	13,89	
kg - box	30,996	25,83	28,12	25,002	25,002		6,501		7,501	6,667	7,556	6,667	

Product details

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Technical product features

Declared values of production

Compliance with standards

The surfaces complies with the European standards EN 14411 (group B1a) and international standards ISO 13006 Annex G.












- ISO 10545-2 (Determination of dimensions and surface quality)
- ISO 10545-3 (Determination of water absorption)
- ISO 10545-4 (Determination of modulus of rupture and breaking strength)
- ISO 10545-6 (Determination of resistance to deep abrasion for unglazed tiles)
- ISO 10545-8 (Determination of linear thermal expansion)
- ISO 10545-9 (Determination of resistance to thermal shock)
- ISO 10545-12 (Determination of frost resistance)
- ISO 10545-13 (Determination of chemical resistance)
- ISO 10545-14 (Determination of resistance to stains)

And it must also guarantee conformity with:

- DIN 51094 (lightfastness of the colours)
- DIN EN 16165 - Annex B (to measure the surfaces suitability for laying in areas where people walk footwear. Defining the “R-value” of the surfaces according to the table below):
 $\alpha < 6^\circ$ = not classified
 $6^\circ \leq \alpha \leq 10^\circ$ = R9
 $10^\circ < \alpha \leq 19^\circ$ = R10
 $19^\circ < \alpha \leq 27^\circ$ = R11
 $27^\circ < \alpha \leq 35^\circ$ = R12
 $\alpha > 35^\circ$ = R13
- DIN EN 16165 - Annex A (to measure the surfaces suitability for laying in areas where people walk barefoot. Given an “A, B and C” value according to the table below):
 $\alpha < 12^\circ$ = not classified
 $12^\circ \leq \alpha < 18^\circ$ = A
 $18^\circ \leq \alpha < 24^\circ$ = B (A+B)
 $\alpha \geq 24^\circ$ = C (A+B+C)

Compliance with these characteristics is checked in accordance with the certified quality management system of the UNI-EN ISO 9001 standard in addition to being guaranteed by the manufacturer.

Porcelaingres surfaces are made with low environmental impact in accordance with LEED_ BREEAM guidelines by using both new strategies for the continuous improvement of environmental friendliness and the aim of reducing wasting of non-renewable resources, in addition to using natural raw materials commonly found in the environment and recycled materials.

Features	Norms	▲ Required standard	Declared values
 water absorption	ISO 10545-3	$\leq 0,5\%$	< 0,05%
 sizes	ISO 10545-2	length and width $\pm 0,6\%$ max thickness $\pm 5,0\%$ max linearity $\pm 0,5\%$ max wedging $\pm 0,6\%$ max warpage $\pm 0,5\%$ max	$\pm 0,2\%$ max $\pm 5,0\%$ max $\pm 0,2\%$ max $\pm 0,2\%$ max $\pm 0,2\%$ max
 bending strength	ISO 10545-4	$\geq 35 \text{ N/mm}^2$	> 48N/mm ²
 resistance to deep abrasion	ISO 10545-6	$\leq 175 \text{ N/mm}^3$	140 mm ³
 thermal expansion coefficient	ISO 10545-8	testing method available	7 MK ⁻¹
 thermal shock resistance	ISO 10545-9	testing method available	resistant
 frost resistance	ISO 10545-12	no sample must show alterations to surface	frost resistance
 chemical resistance	ISO 10545-13	no sample must show visible signs of chemical attack (acids-bases-additives for pools) except for products containing hydrofluoric acid and derivates.	unaffected
 stain resistance	ISO 10545-14	unglazed tiles: testing method available	class 5
 colour resistance to light	DIN 51094	no sample must show noticeable colour change	no change in brightness or colour
 skid resistance average coefficient of friction (μ)	DIN EN 16165 Annex B		R9 – natural
	DIN EN 16165 Annex A		A – natural

Certifications

Sensitivity towards ethycal, environmental, safety and quality concerns

Product Certifications:



LEED certification: is a global system used in 40+ countries to check if buildings are environmentally friendly. The LEED (Leadership in Energy and Environmental Design) It evaluates how well a building is sustainable in terms of the environment, society, and economy. The slabs in this tool have over 40% recycled material, following the ISO 14021 standard, ensuring the highest LEED points.

BREEAM certification is a widely used global standard that measures how buildings impact the environment. It has strictw rules and checks based on the latest technology and knowledge. The rating system demands certifications based on strict technical parameters and quality control.

You can find the updated list of certified collections at www.porcelaingres.com/downloads/.



UPEC classification associated with the QB certification mark attests to the compliance of floor and wall coverings with the technical requirements set out in certification reference documents. It assigns classifications of use indicating that the durability of a product is appropriate for use on specific types of premises.

The list of the certified products is available at <http://evaluation.cstb.fr/>



CE MARK - It indicates that Porcelaingres products comply with the requirements of 305/2011 UE directive – in particular with regard to health production and the users and consumers' safety – and may thus be freely circulated on the Community market. **For the declarations of conformity of each single product, please refer to:** www.porcelaingres.com/downloads/.



放射性水平A类
See official listing

The **China Compulsory Certificate** mark, commonly known as a **CCC Mark**, is a compulsory safety mark for our Great Format products imported, sold or used in the Chinese market.

The certification is available at www.porcelaingres.com/downloads/.



EPD (Environmental Product Declaration): a voluntary type III product declaration, based on analysis of the product life cycle (with a “from cradle to grave” approach) in accordance with the EN 15804 standard. This declaration is drawn up with reference to the guidelines of the UNI EN ISO 14040 standard and the specific PCR (Product Category Rules). This document describes the environmental impact linked to the entire life cycle of a specific quantity of product. Our Company was the first to certify its products (see www.environdec.com) with specific EPD, validated by an independent third-party Body.

The certification is available at www.porcelaingres.com/downloads/.



GREENGUARD certification ensures indoor products have minimal emissions of volatile substances for healthier environments. GREENGUARD Gold Certification considers safety for sensitive individuals and approves products for use in places like schools and healthcare facilities. Widely recognized globally in sustainable building programs, it is referenced by The Collaborative for High Performance Schools (CHPS) and Leadership in Energy and Environmental Design (LEED) in the United States.

Certified collections can be found at <https://spot.ul.com/>.

Integrated Management System Certifications:



ISO 9001 certification: for corporate Quality system management. The certification, valid at an international level, concerns corporate management in its entirety, from research and development to production, and from distribution to customer support. This system certifies that the Company has implemented an internal quality management system.

The certification is available at www.porcelaingres.com/downloads/.



ISO 50001 certification: for organizations committed to addressing their impact, conserving resources and improving the bottom line through efficient energy management. The standard specifies the requirements for establishing, implementing, maintaining and improving an energy management system, whose purpose is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance, including energy efficiency, energy security, energy use and consumption.

The certification is available at www.porcelaingres.com/downloads/.

Environmental Information and Labels:

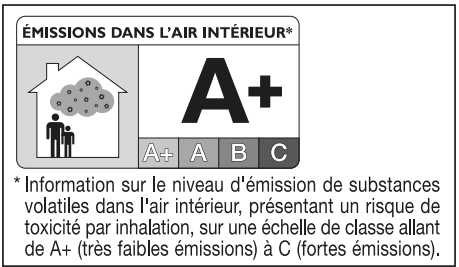


Declare label: a badge for construction materials, essentially functioning as a voluntary self-disclosure program. This initiative furnishes details about the material's composition, final assembly locations, lifespan, end-of-life options, and overall adherence to pertinent Living Building Challenge® (LBC) requirements.

Accessible through a complimentary database, Declare® labels prove to be an essential tool for designers and architects, empowering them to specify products aligning with the criteria of key green building standards, including Core Green Building certifications, LBC, LEED, and WELL.

All our materials hold the classification of being “Red List Free,” affirming their absence of chemicals listed in the Living Building Challenge's “Red List.”

More info available at <https://declare.living-future.org/products/ceramic-slabs>.





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